



Material Safety Data Sheet

SUSPEND[®] SC INSECTICIDE

MSDS Number: 205
MSDS Version 1.1

SECTION 1. CHEMICAL PRODUCT AND COMPANY INFORMATION

Product Name SUSPEND[®] SC INSECTICIDE
Chemical Name
Synonym
MSDS Number 205
Chemical Family Mixture
Chemical Formulation Mixture
EPA Registration No. 432-763
Canadian Registrat. No.

Aventis
95 Chestnut Ridge Road
Montvale, NJ 07645
USA

☎ For Product Use Information: (800)331-2867 Monday through Friday
8:00AM-4:30PM
For Medical Emergency contact DART: (800) 334-7577 24 Hours/Day
For Transportation Emergency CHEMTREC: (800) 424-9300 24 Hours/Day

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

	<u>Component Name</u>	<u>CAS No.</u>	<u>Concentration % by Weight</u>	
			<u>Minimum</u>	<u>Maximum</u>
	Deltamethrin	52918-63-5	4.7500	
	Inert ingredients		95.2500	

SECTION 3. HAZARDS IDENTIFICATION

NOTE: Please refer to Section 11 for detailed toxicological information.

Emergency Overview Is harmful if inhaled.
May result in transient tingling and reddening of the skin upon contact.
Is extremely toxic to fresh water and estuarine fish and invertebrates.

Physical State liquid

Odor Odorless

Appearance white

Routes of Exposure Inhalation

Immediate Effects

Eye May cause slight irritation.

Skin Contact with product may result in transient tingling and reddening of the skin.

Inhalation Harmful if inhaled.

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Signs and Symptoms Acute overexposure may result in respiratory irritation and transient paresthesia. Chronic overexposure produced pale kidneys and discoloration of the lungs in rats.

SECTION 4. FIRST AID MEASURES

Inhalation Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

SECTION 5. FIRE FIGHTING MEASURES

Flash Point > 93 °C / > 199 °F

Suitable Extinguishing Media Carbon dioxide, dry chemical, foam or water.

Fire Fighting Instructions As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH approved (or equivalent) and full protective gear.

SECTION 6. ACCIDENTAL RELEASE MEASURES

General and Disposal Soak up with an absorbent material such as sand, sawdust, earth, fuller's earth, etc. Dispose of with chemical waste.

SECTION 7. HANDLING AND STORAGE

Handling Procedures Avoid breathing vapor or spray mist.

Storing Procedures Do not store diluted material. Store in original container in secured dry storage area. Prevent cross-contamination with other pesticides and fertilizers.

Work/Hygienic Procedures Wash after handling.
Remove contaminated clothing and wash before reuse.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye/Face Protection Safety glasses or goggles.

Body Protection Impervious gloves. Long-sleeved shirt and pants to prevent skin contact.

Exposure Limits None Established

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance white

Physical State liquid

Odor Odorless

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pH	6.6 in suspension
Specific Gravity	1.05 at 20 °C
Solubility (in water)	Suspends

SECTION 10. STABILITY AND REACTIVITY

Chemical Stability	Stable
Conditions to Avoid	Keep away from sources of ignition.
Incompatibility	Strong oxidizing and reducing agents.
Hazardous Products of Decomposition	Thermal decomposition products might include carbon monoxide and carbon dioxide.
Hazardous Polymerization (Conditions to avoid)	Will not occur

SECTION 11. TOXICOLOGICAL INFORMATION

Acute Oral Toxicity	(Rat) LD50 > 15,000 mg/kg
Acute Dermal Toxicity	(Rabbit) LD50 > 10,000 mg/kg
Acute Inhalation Toxicity	(Rat) 4-Hour LC50 > 1.02 mg/L 1-Hour equivalent LC50 > 4.08 mg/L (for DOT purposes)
Skin Irritation	(Rabbit) Irritation: Slightly irritating
Eye Irritation	(Rabbit) Very slightly irritating
Sensitization	(Guinea Pig): Negative
Chronic Toxicity	Deltamethrin technical is not carcinogenic based on animal studies.

Assessment Carcinogenicity

ACGIH

None

NTP

None

IARC

Deltamethrin

52918-63-5

OSHA

None

Reproductive & Developmental Toxicity	Deltamethrin is not considered to be a reproductive toxin based on animal studies.
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Teratogenicity	Deltamethrin is not considered to be teratogenic based on animal studies.
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SECTION 12. ECOLOGICAL INFORMATION

Environmental Precautions

This product is extremely toxic to fresh water and estuarine fish and invertebrates. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Use with care when applying in areas adjacent to any body of water. Do not contaminate water when disposing of equipment washwater.

SECTION 13. DISPOSAL CONSIDERATIONS

General Disposal Guidance

Pesticide Disposal: Wastes resulting from use of this product may be disposed of on site or at an approved waste disposal facility.

Container Disposal

Container Disposal Less than One Gallon: Securely wrap container in several layers of newspaper and discard in trash.

Container Disposal for Non-Refillable Container: Triple rinse (or equivalent) then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Container Disposal for Refillable Containers: Replace the dry disconnect cap if applicable, and seal all openings which have been opened during use. Return empty container to a collection site designated by Aventis. If container has been damaged and cannot be returned according to the recommended procedures, contact Aventis to obtain proper handling instructions.

SECTION 14. TRANSPORT INFORMATION

PROPER SHIPPING NAME: Not DOT regulated

SECTION 15. REGULATORY INFORMATION

US Federal

EPA Registration No. 432-763

TSCA list

None

TSCA 12b export notification

None

SARA Title III - section 302 - notification and information

None

SARA Title III - section 313 - toxic chemical release reporting

None

US States Regulatory

CA Prop65

This product contains a chemical known to the state of California to cause cancer.

None

This product contains a chemical known to the state of California to cause birth defects or other reproductive harm.

None

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US State right-to-know ingredients

None

Canadian Regulations

Canadian Registrat. No.

Canadian Domestic Substance List

None

Environmental

CERCLA

None

Clean Water Section 307 Priority Pollutants

None

Safe Drinking Water Act Maximum Contaminant Levels

None

International Regulations

EU Classification

None

European Inventory of Existing Commercial Substances (EINECS)

Deltamethrin

52918-63-5

SECTION 16. OTHER INFORMATION

	Health	Flammability	Reactivity	Others
HMIS	1	1	0	B
NFPA	1	1	0	-

REVISED SECTIONS:

MSDS REVISION INDICATOR: New Format

PREPARED BY: Regulatory Department

PHONE: 800-438-5837

SUPERCEDES MSDS DATED: 06/15/2000

Print Date: 09/27/2001

Supersedes MSDS, which is older than: 09/27/2001

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